



Docket: 80063

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Strand et al.

Serial No.: 10/722,870

Group Art Unit:

Filed: November 26, 2003

Examiner:

For: POLYESTER COMPOSITIONS FOR CALENDERING

Mail Stop Non-Fee Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97(b)**

In accordance with 37 CFR 1.56, the documents listed on the attached Information Disclosure Statement by Applicant are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Applicants would like to point out that U.S. Patent Application Serial No.'s 10/086,905 and 10/706,669 are not prior art, but are being cited only to make the Examiner aware of related, copending applications. Copies of the cited documents are enclosed.

The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Respectfully submitted,

Eastman Chemical Company  
P.O. Box 511  
Kingsport, Tennessee 37662  
Phone: (423) 229-6427  
FAX: (423) 229-1239

*Eric D. Middlemas*  
Eric D. Middlemas  
Registration No. 53,325  
*March 7, 2004*  
Date



Docket: 80063

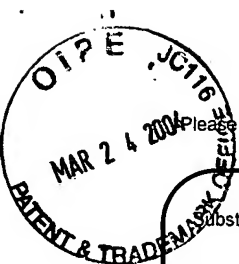
PATENT

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper(s) referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Cathy L. Adkins  
Cathy L. Adkins

3/17/04  
Date



Please type a plus (+) sign in this box →



Substitute for form 1449

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number 80063-01

First Named Inventor Strand et al

COMPLETE IF KNOWN

Application Number 10/722,870

Filing Date 11/26/2003

Group Art Unit

Sheet

1

of

6

Examiner Name

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		10/086,905		Moskala et al	03-27-2003
		10/706,669		Strand	
		2,044,612		Jaeger	06-16-1936
		3,186,961		Sears	06-01-1965
		3,658,978		Ancker	04-25-1972
		3,873,496		Hills	03-25-1975
		3,883,478		Gresham	05-13-1975
		4,045,431		Fagerburg	08-30-1977
		4,258,153		Yomamoto et al.	03-24-1981
		4,340,526		Petke et al	07-20-1982
		4,391,938		Memon et al	07-05-1983
		4,450,250		McConnell et al	05-22-1984
		4,506,043		Ogawa et al	03-19-1985
		4,814,426		Utsumi et al	03-21-1989
		4,837,254		Branscome	06-06-1989
		4,963,418		Isaka et al	10-16-1990
		4,996,291		Yoshinaka et al	02-26-1991
		5,017,680		Sublett	05-21-1991
		5,256,714		Liu et al.	10-26-1993

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box →



Substitute for form 1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Attorney Docket Number		80063-01			
				First Named Inventor		Strand et al			
				COMPLETE IF KNOWN					
				Application Number		10/722,870			
				Filing Date		11/26/2003			
				Group Art Unit					
Sheet	2	of	6	Examiner Name					

		5,290,631		Fleury, et al	03-01-1994
		5,399,595		Sublett et al	03-21-1995
		5,484,632		Mercer, Jr., et al	01-16-1996
		5,532,049		Masuda et al.	07-02-1996
		5,534,570		Shih et al	07-09-1996
		5,589,126		Shih et al	12-31-1996
		5,624,987		Brink et al	04-29-1997
		5,654,347		Khemani et al	08-05-1997
		5,696,176		Khemani et al	12-09-1997
		5,824,398		Shih	10-20-1998
		5,859,116		Shih	01-12-1999
		5,900,322		Buchanan et al	05-04-1999
		5,928,788		Riedl	07-27-1999
		5,965,648		Brink et al.	10-12-1999
		5,998,005		Kanno	12-07-1999
		6,025,061		Khanarian et al	02-15-2000
		6,054,551		Cornell et al	04-25-2000
		6,068,910		Flynn et al	05-30-2000
		6,103,857		Jones et al	08-15-2000
		6,551,688		Moskala et al.	04-22-2003
		6,551,699		Flynn	04-22-2003
		6,632,390		Shelby et al	10-14-2003

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box →

+

Substitute for form 1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Attorney Docket Number	80063-01
				First Named Inventor	Strand et al
				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/722,870
				Filing Date	11/26/2003
				Group Art Unit	
Sheet	3	of	6	Examiner Name	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		GB	805 586	A	Goodyear Tire & Rubber	12-10-1958	
		GB	805 587		Goodyear Tire & Rubber	12-10-1958	
		GB	805 588		Goodyear Tire & Rubber	12-10-1958	
		GB	815 991		Union Carbide Corporation	07-08-1959	
		GB	1 323 478		Stamicarbon N.V.	09-18-1973	
		WO	87/03291	A	Eastman Kodak Company	06-04-1987	
		WO	94/28061	A	Zeneca Ltd.	12-08-1994	
		JP	4-117432		Uenomachi et al	04-17-1992	√
		JP	7-278418	A2	Kitamura et al	10-24-1995	√
		EP	0 724 947	A1	Toray Industries, Inc.	08-07-1996	
		JP	8-283547	A	Ozawa	10-29-1996	√
		EP	0 744 439	A1	Idemitsu Petrochemicals Co.	11-27-1996	
		JP	9-40823	A	Nishimura et al	02-10-1997	√
		JP	9-66590	A2	Kimata	03-11-1997	√
		JP	9-272191	A	Kunimaru et al.	10-21-1997	√
		WO	97/42260		Pagani	11-13-1997	√
		JP	10-363908	A	Suda	07-04-2002	√

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box →



Substitute for form 1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Attorney Docket Number		80063-01			
				First Named Inventor		Strand et al			
				COMPLETE IF KNOWN					
				Application Number		10/722,870			
				Filing Date		11/26/2003			
				Group Art Unit					
Sheet	4	of	6	Examiner Name					

		EP	1 054 038	A1	Tokunaga et al.	11-22-2000	√
		JP	2000-336256	A	Ishimaru	12-05-2000	√
		JP	2001-18344	A	Sasaki et al	01-23-2001	√
		JP	2002-53740	A	Murata	02-19-2002	√
		WO	02/28967	A1	Kurauchi	04-11-2002	√
		JP	2002-121362	A	Murata	04-23-2002	√
		JP	2002-129483	A	Tunakia et al.	05-09-2002	√
		JP	2003-128890	A	Nishida et al.	05-08-2003	√
		JP	2003-128894	A	Komatsu et al.	05-08-2003	√
		JP	2003-128773	A	Nishida et al	05-08-2003	√
		JP	2003-128889	A	Nishida et al	05-08-2003	√
		JP	2003-154539	A	Komatsu et al.	05-27-2003	√
		JP	2003-155402	A	Kurauchi	05-30-2003	√
		JP	2003-155401	A	Komatsu et al.	05-30-2003	√
		DE	100 40 691	A1	Arnold	02-28-2002	√
		JP	2000-136294	A	Suda et al	05-16-2000	√
		JP	7-60924	A	Mimasu et al.	03-07-1995	√
		JP	2001-279068	A	Fujino et al.	10-10-2001	√
		JP	2003-191266	A	Ohama et al.	07-08-2003	√
		JP	2002-129002	A	Fujino et al.	05-09-2002	√

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

+

Substitute for form 1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Attorney Docket Number		80063-01			
				First Named Inventor		Strand et al			
				COMPLETE IF KNOWN					
				Application Number		10/722,870			
				Filing Date		11/26/2003			
				Group Art Unit					
				Examiner Name					
Sheet	5	of	6						

[illegible]

<b>Examiner Signature</b>		<b>Date Considered</b>	
-------------------------------	--	----------------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box →

+

Substitute for form 1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Attorney Docket Number	80063-01
				First Named Inventor	Strand et al
				COMPLETE IF KNOWN	
				Application Number	10/722,870
				Filing Date	11/26/2003
				Group Art Unit	
Sheet	6	of	6	Examiner Name	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Database WPI, Section CH, Week 9702, XP-002106151, Derwent Publications, Ltd., Oct. 29, 1996, London, GB	
		Jim Butschli, Packaging World, pp. 26-28, June 1997	
		W.V. Titow, PVC Technology, 4 <sup>th</sup> Edition, pp. 803-848 (1984), Elsevier Publishing Co.	
		Material Safety Data Sheet, "EASTAR" PETG COPOLYESTER 6763, October 23, 1997	
		Anonymous Research Disclosure 23314, September 1983	
		Fox equation, T.G. Fox, Bull. Am. Phys. Soc., 1, 123 (1956)	
		"The Technology of Plasticizers", by J. Kern Sears and Joseph R. Darby, published by Society of Plastic Engineers/Wiley and sons, New York, 1982, pp. 134-137	
		Coleman et al., Polymer 31, (1990), 1187-1203	
		Elias, H. <u>Macromolecules</u> , Plenum Press: NY, 1977, p. 391	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.